Supplementary information

Quantitative evaluation of cellular internalization of polymeric nanoparticles within laryngeal cancer cells and immune cells for enhanced drug delivery

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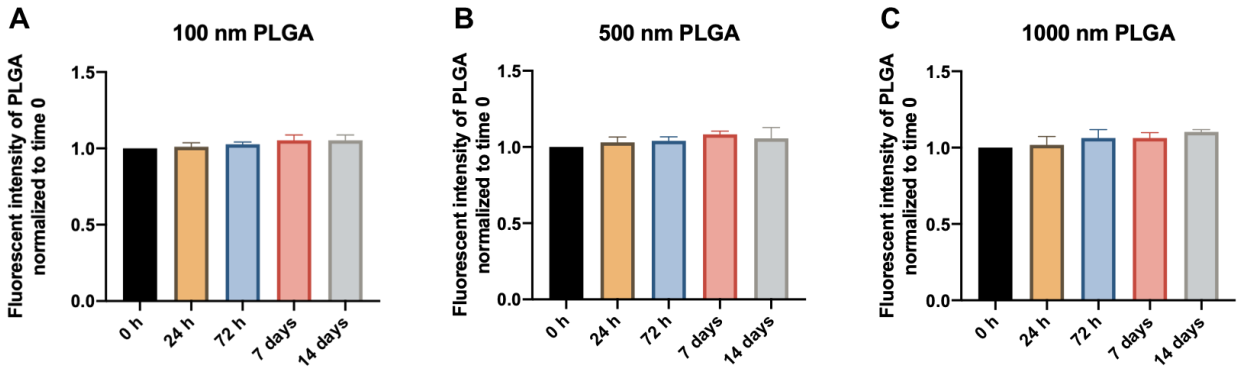

Figure S1: Fluorescent intensity of various PLGA particles over two weeks after preparation. All fluorescent signals were normalized to the initial signal at time 0 after preparation.

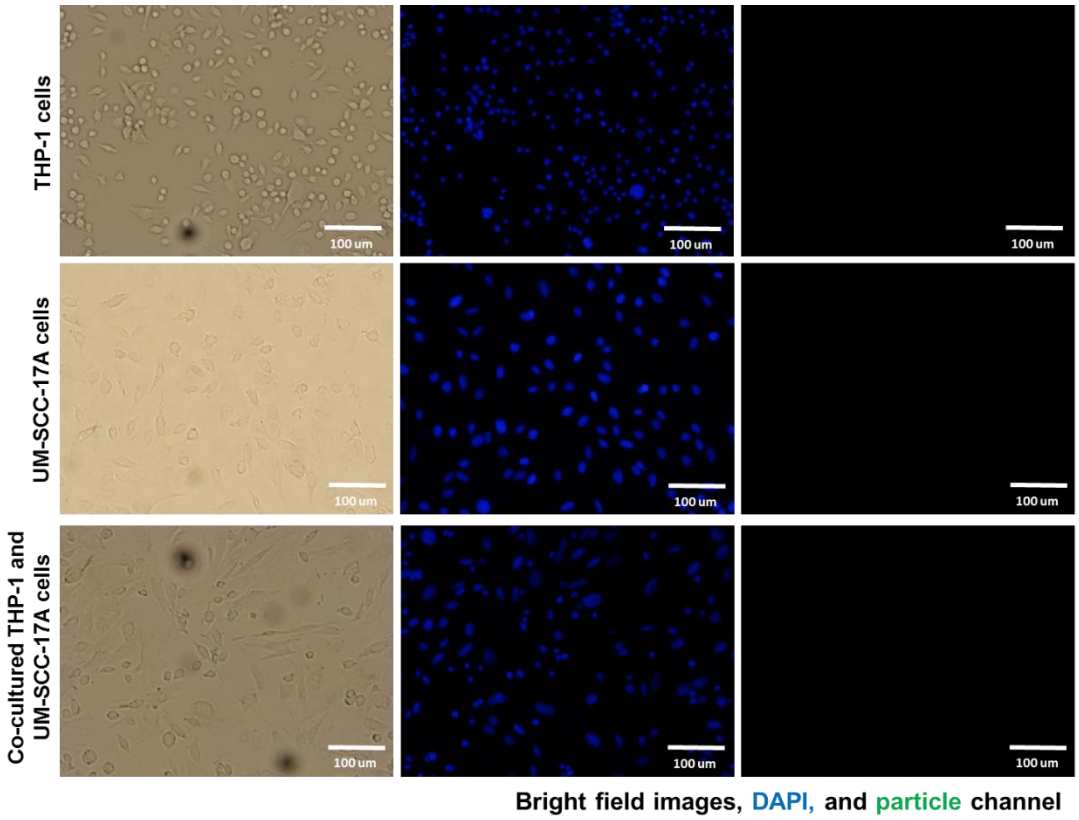

Figure S2: No particles can be observed in the untreated cells of control group.

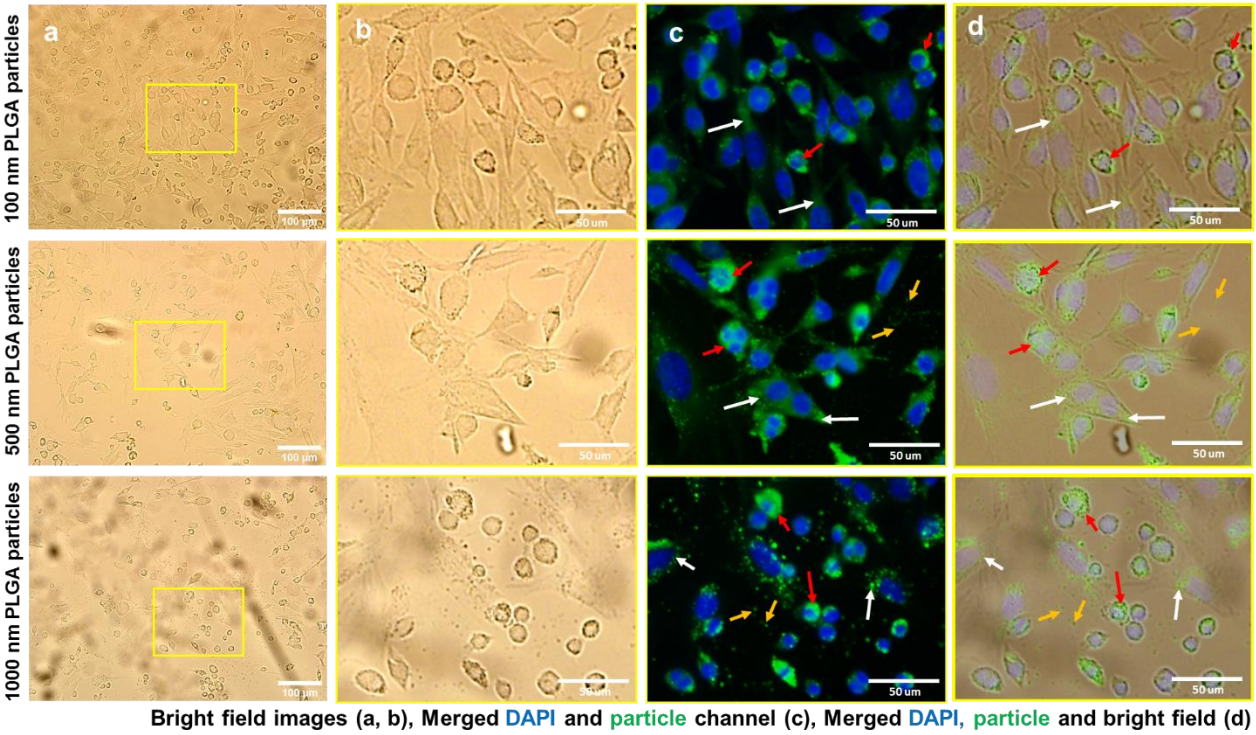

Figure S3: Co-localization of bright field images (b) with fluorescent images (c) displays the intracellular accumulation of PLGA particles in THP-1 cells (red arrows) or UM-SCC-17A cells (white arrows) and extracellular particles (yellow arrows) in the co-cultures (d).

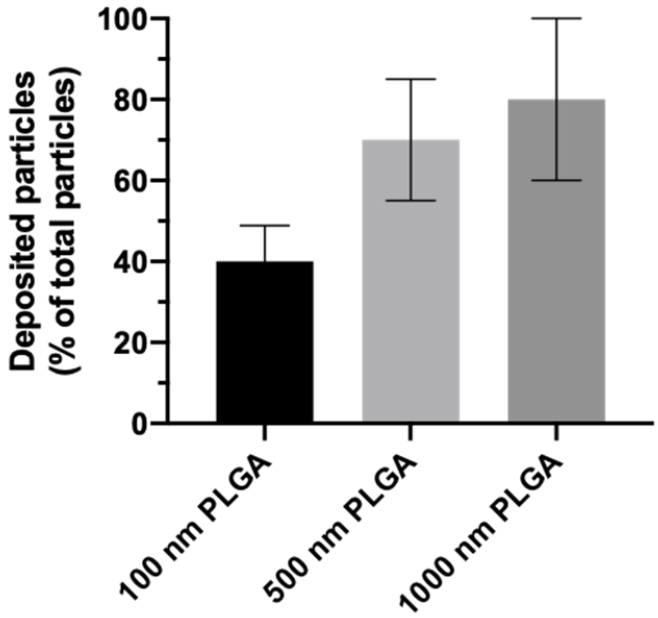

Figure S4: Percentages of PLGA particles deposited in the cells (intracellular particles) normalized to the applied particles (the total dose) at 24 h after incubation.